



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/808,895
				Filing Date	March 24, 2003
				First Named Inventor	John R. HUMPHREY et al.
				Group Art Unit	2186
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	10354*3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ² -Number ³ -Kind Code ³ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
GP		J.R. Marek, "An Investigation of a Design for a Finite-Difference Time Domain (FDTD) Hardware Accelerator," Air Force Institute of Technology, Wright-Patterson AFB, M.S. Thesis (1991).	
↓		J.R. Marek et al., "A Dedicated VLSI Architecture for Finite-Difference Time Domain Calculations," presented at the 8th Annual Review of Progress in Applied Computational Electromagnetics, Naval Postgraduate School, Monterey, California pp. 546-553 (1992).	
↓		R.N. Schneider et al., "Application of FPGA Technology to Accelerate the Finite-Difference Time-Domain (FDTD) Method," presented at the 10th ACM International Symposium on Field-Programmable Gate Arrays, Monterey, California, pp. 97-105 (2002).	
GP		P. Placidi et al., "A Custom VLSI Architecture for the Solution of FDTD Equations," <i>IEICE Trans. Electron.</i> , vol. E85-C, No. 3, pp. 572-577 (March 2002).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Gary Portka/	Date Considered	10/23/2006
Form PTO 1449		Patent and Trademark Office - U.S. Department of Commerce	

338315_1
Serial No. 10/808,895
Attorney Docket No. 10354*3